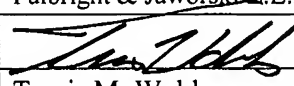


<b>TRANSMITTAL FORM</b>	Application Number:	10/539,956	
	Filing Date:	June 17, 2005	
	First Named Inventor:	STEVEN J. NORRIS	
	Art Unit:	Unknown	
	Examiner Name:	Unknown	
Total Number of Pages in this Submission : _____		Attorney Docket Number:	UTSH:264US
ENCLOSURES (check all that apply)			
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Form PTO-1449 <input type="checkbox"/> References _____ <input type="checkbox"/> Certified Copy of Priority Documents <input checked="" type="checkbox"/> Reply to Missing Parts/Incomplete Application <input checked="" type="checkbox"/> Reply to Missing Parts/Requirements <input checked="" type="checkbox"/> Declaration(s) I <input checked="" type="checkbox"/> Copy of Notice of Missing Parts/Requirements	<input type="checkbox"/> Drawings(s) _____ <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Statement under 37 CFR §3.73(b) <input type="checkbox"/> Designation of Patent Practitioners <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below) <input checked="" type="checkbox"/> Check in the amount of \$3040.00 <input checked="" type="checkbox"/> Authorized to be charged to deposit account if check insufficient or inadvertently omitted Deposit account number: <u>50-1212/UTSH:264US</u> <input type="checkbox"/> Sequence Statement <input type="checkbox"/> Paper Copy of Sequence Listing <input type="checkbox"/> Computer Readable Form (CRF) <input checked="" type="checkbox"/> Postcard <input type="checkbox"/> _____ <input type="checkbox"/> _____	Remarks:
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Fulbright & Jaworski L.L.P.	Customer Number	32425
Signature			
Printed Name	Travis M. Wohlers	Reg. No.	57,423
Date	April 6, 2006		

EXPRESS MAIL MAILING LABEL	
NUMBER	EV 674811679 US
DATE OF DEPOSIT	April 6, 2006

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:  
STEVEN J. NORRIS

Serial No.: 10/539,956

Filed: June 17, 2005

For: VMP-LIKE SEQUENCES OF  
PATHOGENIC BORRELIA SPECIES  
AND STRAINS

Group Art Unit: Unknown

Examiner: Unknown

Atty. Dkt. No.: UTSH:264US

EXPRESS MAIL MAILING LABEL	
NUMBER	EV 674811679 US
DATE OF DEPOSIT	April 6, 2006

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C.  
371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

**MS PCT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

In response to the Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US), dated December 7, 2005, there are enclosed herewith:

- (a) Declaration executed on behalf of STEVEN J. NORRIS;
- (b) A Power of Attorney on behalf of BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM;

- (c) Our check in the amount of \$3040.00 to cover the surcharge for late filing (\$65.00); additional claims fee (\$2750.00); two month extension of time fee (\$225.00);
- (d) A copy of Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US); and
- (e) A Request for Extension of Time of two months to and including April 7, 2006. Should such request be absent, consider this such a request and authorization to withdraw the appropriate fee under 37 C.F.R. §§ 1.16 to 1.21 as stated below.

An Assignment to BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM and a check for \$40.00 are being filed under separate cover.

If the check is inadvertently omitted, or should any additional fees under 37 C.F.R. §§ 1.16 to 1.21 be required for any reason relating to the enclosed materials, or should an overpayment be included, the Commissioner is authorized to deduct or credit the appropriate fees from or to Fulbright & Jaworski Deposit Account No.: 50-1212/UTSH:264US.

Please date stamp and return the accompanying postcard to evidence receipt of these documents.

04/11/2006 HKAYPAGH 00000106 10539956

01 FC:2617	65.00 OP
02 FC:2614	900.00 OP
03 FC:2615	1850.00 OP

FULBRIGHT & JAWORSKI L.L.P.  
600 Congress Avenue, Suite 2400  
Austin, Texas 78701  
(512) 474-5201

Date: April 6, 2006

Respectfully submitted,



Travis M. Wohlers  
Reg. No. 57,423  
Attorney for Applicant



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/539,956	Steven J Norris	UTSH:264US

INTERNATIONAL APPLICATION NO.
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PCT/US03/41182

I.A. FILING DATE	PRIORITY DATE
------------------	---------------

12/22/2003

12/20/2002

32425  
 FULBRIGHT & JAWORSKI L.L.P.  
 600 CONGRESS AVE.  
 SUITE 2400  
 AUSTIN, TX 78701

CONFIRMATION NO. 9208

371 FORMALITIES LETTER



\*OC000000017595600\*

Date Mailed: 12/07/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 06/17/2005
- Copy of the International Search Report filed on 06/17/2005
- Preliminary Amendments filed on 06/17/2005
- Biochemical Sequence Diskette filed on 06/17/2005
- Biochemical Sequence Listing filed on 06/17/2005
- Small Entity Statement filed on 06/17/2005
- U.S. Basic National Fees filed on 06/17/2005
- Priority Documents filed on 06/17/2005

FULBRIGHT & JAWORSKI, LLP  
 IFT DOCKETING  
 Docketed ☒ Not Req'd ☐ Confirmation ☐  
 Initials 1st [Signature] Initials 2nd [Signature]

DEC 12 2005

Attorney MBW, TW  
 Docket No. UTSH:264US  
 Action Req'd MISSING PARTS due 7/7/06 Date Due Final 7/7/06

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of **\$2750** as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

## SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$2815** for a Small Entity:

- **\$65** Surcharge.
- Total additional claim fee(s) for this application is \$ **2750**
  - **\$900** for **9** independent claims over 3.
  - **\$1850** for **74** total claims over 20.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

WINSTON M ALVARADO

Telephone: (703) 308-9140 EXT 206

## PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/539,956	PCT/US03/41182	UTSH:264US